



Who We Are

POSCO-Thainox Public Company Limited, the First Flat Cold-Rolled Stainless Steel Producer in Southeast Asia

A Member of Global POSCO, One of the World's Leaders in the Steel and Stainless Steel Industry

Today

"We are committed to providing customers with products and services that are of superior quality and operate with minimal cost, punctual delivery, and prompt customer services in order to achieve utmost customer satisfaction as well as reflect our strongly upheld social responsibility."

Tomorrow

"We are determined to carry on the vision of Global POSCO, POSCO-Thainox's no.1 mission is to strengthen Thailand's competitiveness in the industrial sector whilst setting an example of a socially-responsible corporation and to build a prosperous future together and strives to become one of the most trustful companies, the leading stainless steel market player in the country, propelling POSCO as the number-one leader in the global steel industry."

Building on a Solid Foundation

POSCO-Thainox Public Company Limited is backed up with a strong foundation by the joint venture, dating back on 30 July 1990, of the world's leading steel industry groups from France, Japan, Italy, and Thailand.

Since 20 September 2011, the company has been synergized into the Global POSCO family, a South Korea-based leader in the global steel and stainless steel industry. Being part of Global POSCO has enhanced POSCO-Thainox's competitiveness and operation efficiency, particularly in regard to strategic domestic growth, innovative stainless steel research and development, and production output maximization. In addition, Global POSCO's strong distribution network contributes strategically to the effective penetration of products in worldwide markets.

What We Care

At POSCO-Thainox, we are "Building a Better Future Together" with customers, suppliers and stakeholders, we aim to build a sustainable centennial company. We realize that true sustainability significantly relates to the better quality of life. Apart from placing emphasis on the environment, occupational health, and safety, as well as energy conservation, we also avoid causing adverse impacts - directly or indirectly - to all involved parties and the community where we operate.



Corporate Video



POSCO-Thainox History

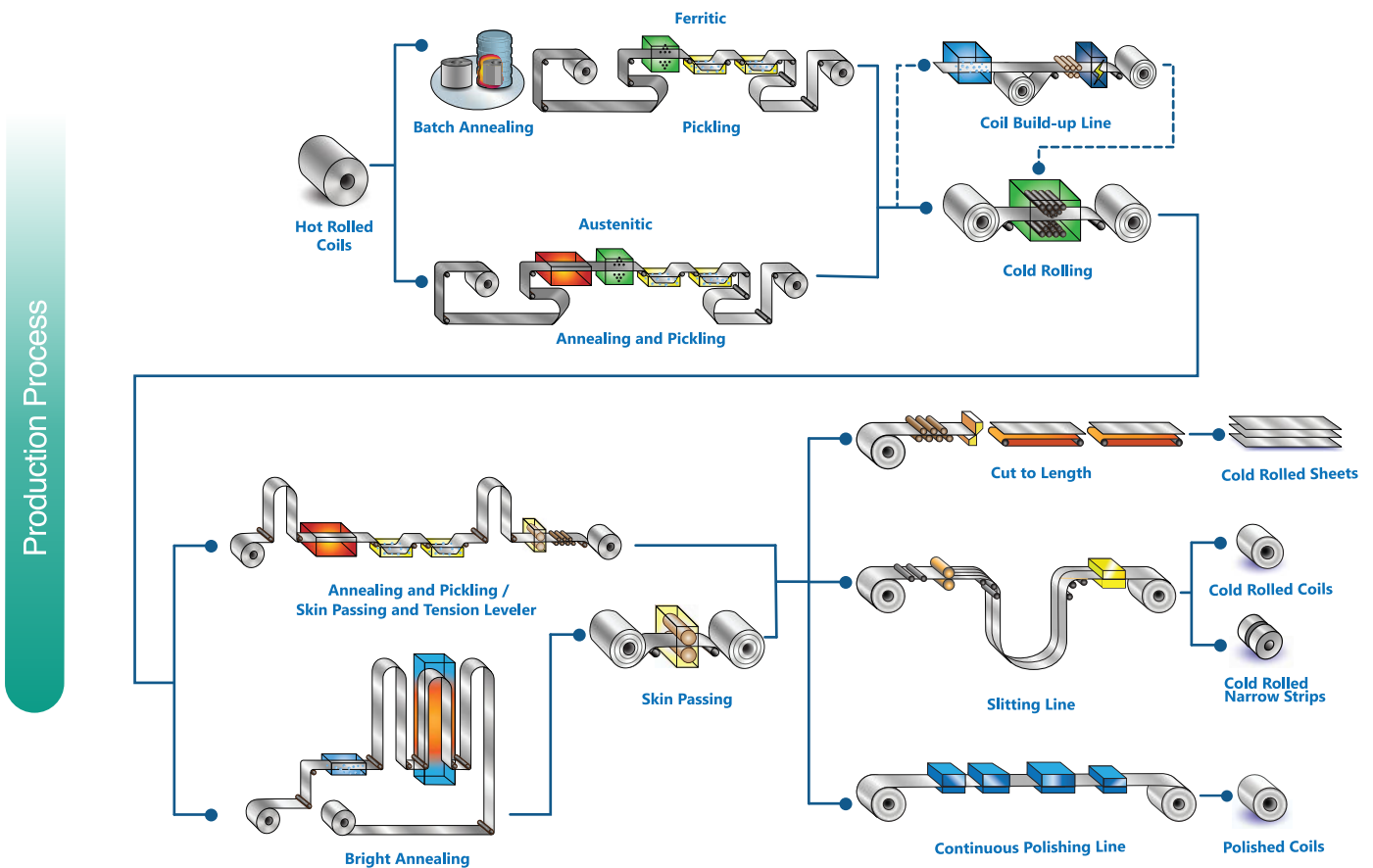


CSR Activities

World-Class Factory

POSCO-Thainox takes deliveries of the hot-rolled coils and processes them through annealing and pickling lines, and in Sendzimir mills to obtain desirable thickness. The cold-rolled coils are then given final annealing before being delivered to a skin pass mill to create a suitable finish, and afterward to the slitting and cut-to-length lines. The stainless steel coils may enter the continuous polishing line for different surface patterns specified by the customers such as Hair Line or No.4 finish.

Every production process is computer-controlled, while metallurgical quality and mechanical properties are tested in state-of-the-art laboratories.



Environmental Sustainability

POSCO-Thainox, a Recycled Claim Standard (RCS) and Green Industry accredited company, is responding proactively to environmental issues such as climate change, particulates, waste, and chemicals. In addition, we have established environmental guidelines that are rooted in our corporate rules and regulations, and environmental management policies. We are currently transitioning to a low-carbon production process and aligning our business with increasingly stringent environmental policies and regulations. This will result in lower operating costs and increased competitiveness.



What We Offer

POSCO-Thainox produces the two most market-demanded groups of stainless steel: Austenitic and Ferritic, in different grades, surface finishes, thickness, and width - for endless application possibilities.

Table of POSCO-Thainox Flat Cold-Rolled Stainless Steel Products and Grade Selection

Grade		Finishes	Thickness	Components	Characteristics	Applications
Austenitic Products*	301	2D, 2B	0.25 - 5.0	16Cr 6Ni 0.15C	High strength	Seat belt, spring, train structure and decoration
		BA	0.25 - 1.6			
	304	2D, 2B	0.25 - 5.0	18Cr 8Ni	Good corrosion resistance and formability, high weldability, excellent cleanability	Home appliances, food tank, building and transportation industries
		BA	0.25 - 1.6			
	304L	2D, 2B	0.25 - 5.0	18Cr 8Ni 0.03C	Good corrosion and sensitization resistance, high weldability	Tube, hollowware, home appliances
		BA	0.25 - 1.6			
	316	2D, 2B	0.25 - 5.0	16Cr 10Ni 2Mo	Excellent corrosion and pitting resistance, high strength at high temperature by adding molybdenum	Food processing industry, boiler, heat exchanger
		BA	0.25 - 1.6			
	316L	2D, 2B	0.25 - 5.0	16Cr 10Ni 2Mo 0.03C	Excellent intergranular corrosion resistance, compared to Grade 316, with low carbon content	Chemical industry, truck tank, hot water tank
		BA	0.25 - 1.6			
	321	2D, 2B	0.25 - 5.0	17Cr 9Ni Ti	Increase intergranular corrosion resistance by adding titanium	Heat exchanger
		BA	0.25 - 1.6			
	304J1	2D, 2B	0.25 - 5.0	15Cr 6Ni Cu	Excellent formability by adding copper	Suitable for deep drawing applications
		BA	0.25 - 1.6			
Ferritic Products*	409L	2D, 2B	0.25 - 5.0	10.5Cr Ti	Good weldability and formability, high-temperature oxidation resistance	Exhaust pipe
		BA	0.25 - 1.6			
	430	2D, 2B	0.25 - 5.0	16Cr	Moderate formability, high corrosion resistance	Home appliances, washing machine
		BA	0.25 - 1.6			
	439	2D, 2B	0.25 - 5.0	17Cr Ti	High corrosion resistance and high-temperature oxidation resistance	Exhaust pipe, hot water tank
		BA	0.25 - 1.6			
	441	2D, 2B	0.25 - 5.0	18Cr Ti Nb	Good deep drawability, high corrosion resistance, high thermal conductivity, low thermal expansion coefficient	Washing machine, sink, kitchenware, decorative panel
		BA	0.25 - 1.6			
	POSRE1	2D, 2B	0.25 - 5.0	19Cr Ti Nb	Good corrosion resistance, drawability, and weldability; high-temperature oxidation resistance	Home appliances, kitchenware
		BA	0.25 - 1.6			
	POS430RE	2D, 2B	0.25 - 5.0	16Cr Ti Cu	Good formability, corrosion resistance, and weldability with low carbon	Home appliances, hard disk drive
		BA	0.25 - 1.6			
	POS445NF	2D, 2B	0.25 - 5.0	20Cr Ti Nb	High corrosion resistance and good weldability	Kitchenware, elevator
		BA	0.25 - 1.6			
	436L	2D, 2B	0.25 - 5.0	16Cr Mo Ti Nb	Excellent corrosion resistance by adding molybdenum, good weldability	Exhaust pipe, hot water system
		BA	0.25 - 1.6			
	436J1L	2D, 2B	0.25 - 5.0	17Cr Mo Ti	Excellent corrosion resistance and weldability; cost savings with lower molybdenum content, compared to Grade 436L	Automotive industry
		BA	0.25 - 1.6			
	430J1L	2D, 2B	0.25 - 5.0	19Cr Nb Cu	Good corrosion resistance and formability; high-temperature oxidation resistance, compared to Grade 430, by adding copper and niobium	Exhaust pipe, home appliances
		BA	0.25 - 1.6			

[C = Carbon, Cr = Chromium, Cu = Copper, Mo = Molybdenum, Nb = Niobium, Ni = Nickel, Ti = Titanium]

*For more grades and product information, please contact our sales team.

Applications of Our Premium Stainless Steel



Automotive and Transportation Parts

Energy efficiency can be achieved through the design; using materials that are lightweight, impact-resistant, and easily surface-treated for modern looks. POSCO-Thainox's Austenitic Grades 301 and 304, as well as Ferritic Grades 430, 439, and 441, are cost-effective alternatives for use as automotive parts - such as door handles, side steps, safety belts, and decorative trims; while Ferritic Grades 409L, 430J1L, 436L, 439, and 436J1L are suitable for use as exhaust pipes, which need to be heat- and corrosion-resistant.



Electrical Home Appliances

The high strength of stainless steel allows for less thickness but with high efficiency and long lifetime. In addition, the modern surface of stainless steel becomes an added value to electrical appliances including kitchen equipment, computer hard disk drives, television frames, and furniture. These applications are suitable with POSCO-Thainox's Austenitic Grades 304, 304J1, as well as Ferritic Grades 430, 430J1L, 441, and POS430RE.



Kitchenware

As safety and hygiene are the key concerns; stainless steel is the most appropriate material for use as food containers, due to its durability and high heat resistance without changing the taste of food. POSCO-Thainox's stainless steel products suitable for this application include Austenitic Grades 304, 304L, 316L, as well as Ferritic Grade 430, and POS445NF.



Architecture, Building & Construction

A large variety in terms of types, grades, thickness, surface finishes, and characteristics of stainless steel makes it ideal for architectural and construction applications as well as for use in interior and exterior design. POSCO-Thainox's Austenitic Grades 301, 304, 316L as well as Ferritic Grades 441, POS445NF, and 436L not only make the creativity of architects and engineers come true; but also fulfill end-users' satisfaction.



Heavy Industry, Energy & Environment

Stainless steel with special properties is required for heavy, chemical, and energy industries (gas, oil, nuclear, etc). It must offer safety and high heat-resistance, or provide a mirror-finished surface for the production of the environment-friendly solar energy. POSCO-Thainox's stainless steel products suitable for this application include Austenitic Grades 316, 316L, 321, and 304J1.



Food Processing & Medical Equipment

The smooth surface and chemical stability of stainless steel help reduce bacteria accumulation and growth, thus providing safety and hygiene required by the food and beverage as well as medical equipment industries. For these application purposes, POSCO-Thainox's Austenitic Grades 304, 304L, 316, as well as Ferritic Grades 439, 441, 436L are perfect answers.



Applications

Top Class Quality

The quality assurance throughout the process, from production to technical metallurgical services, serves as a strength that distinguishes POSCO-Thainox's stainless steel products from others in the market.



Download Brochure

Awarded Certifications & International Standard Compliance

	ISO 9001:2015	Quality Management Systems
	ISO 14001:2015	Environmental Management Systems
	ISO 45001:2018	Occupational Health and Safety Management Systems
 ISO / IEC 17025 : 2017	ISO/IEC 17025:2017	The Competence of Testing Calibration Laboratories
 มอก. (TIS) 1378-2559	TIS 1378-2559	Thai Industrial Standards
	JIS G 4312 JIS G 4305	Japan Industrial Standards
	IS 6911-2017	Bureau of Indian Standards
	EN10088-4	Construction Products Regulation of European Conformity
	PED 2014/68/EU	For Pressurized Equipment
	W0/ W2/ W10	Pressure Equipment Directive, Materials
	RoHS	For the Removal of harmful Substances
	REACH	For the Use of Chemical Substances
	GI	Green Industry
	MiT	Made in Thailand
	RCS	Recycled Claim Standard

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